

MX2 User's Guide

IMPORTANT NOTICE

LXE's MX2 is obsolete.

This electronic manual has been made available as a courtesy to LXE's MX2 customers. Please contact your LXE customer support representative for assistance and mobile device replacement.



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E-EQ-MX2OGWW-K-ARC

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The user is strongly encouraged to read Appendix B, “Regulatory Notices and Safety Information”. Important safety cautions, warnings and regulatory information is contained in Appendix B.



Important: This symbol is placed on the product to remind users to dispose of Waste Electrical and Electronic Equipment (WEEE) appropriately, per Directive 2002-96-EC. In most areas, this product can be recycled, reclaimed and re-used when properly discarded. Do not discard labeled units with trash. For information about proper disposal, contact LXE through your local sales representative, or visit www.lxe.com.

Revision Notice

Entire Manual	Obsolete/Archived. Available on LXE ServicePass website only. Product’s replacement device is the LXE MX7. Added Hungary to “R&TTE Directive Requirements.” Added WEEE statement. Updated document presentation to reflect LXE’s 2006 documentation standards. Updated “Getting Help”. Updated “Accessories”. Updated “Manuals”. Added section titled “Revision History”.
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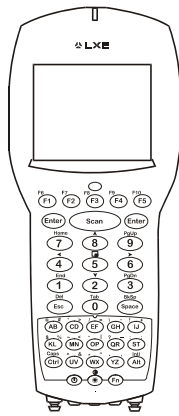
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MX2 Hand Held Computer

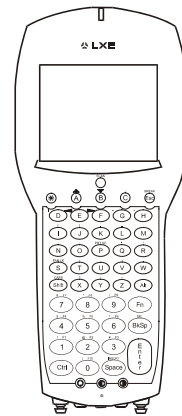
Introduction

This guide provides operating information for the MX2 ROM-DOS hand held computer.

The MX2 is a portable, ROM-DOS based computer capable of wireless data communications and is powered by a rechargeable Nickel-Metal Hydride (NiMH) battery pack and a lithium backup battery. The unit uses a PCMCIA radio (spread spectrum 2.4GHz) for wireless data communications.

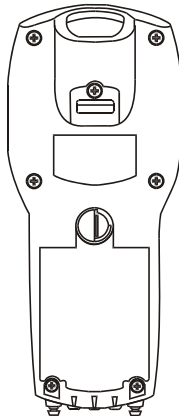


With 38-key Keypad

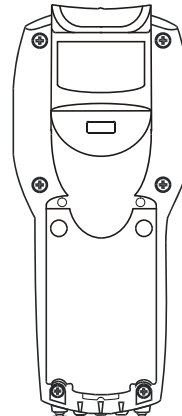


With 48-key Keypad

Figure 1 The MX2 Hand Held Computer, Front View



With 38-key Keypad, without Handle



With 48-key Keypad or 38-key Keypad with Handle (Handle not shown)

Figure 2 The MX2 Hand Held Computer, Rear View



The “MX2 Reference Guide” contains MX2 technical information and advanced functions. Please refer to the reference guide when preparing to dock the MX2 or communicate with the host.



Please refer to the “MX2 Docking Station User’s Guide” when using the MX2 with a Single Dock or a vehicle mounted dock.



If you need to set up the integrated scanner barcode reading parameters, please refer to the “Integrated Scanner Programming Guide for DOS Devices” on the LXE Manuals CD or the LXE ServicePass website.

Features

The LXE MX2 features:

- A 486 processor running at 33MHz to provide maximum computing power in a compact user-friendly package.
- Two Megabytes of Flash memory, eight Megabytes of RAM.
- One Type I/II PCMCIA interface.
- One infrared port that communicates with a powered dock and supports IR portable printers.
- The MX2 is available as a batch unit (no RF), or as a 2.4GHz RF unit. It can be configured with or without a standard range laser scanner.
- Spread spectrum radio is contained on a Type II PCMCIA card. PC card installation / removal cannot be performed by the user.
- Uses rechargeable batteries: 1650 mAh nickel metal hydride (NiMH) battery pack and a lithium backup battery.
- An easy to read super-twist graphics liquid crystal (8 or 16 row by 20 column) display. Screen panning capability is included.
- Display has backlight with programmable timeout to extend battery life.
- Built in keypads:
 - 38-key keypad with 5 dedicated function keys and two programmable Enter keys.
 - 48-key keypad with single key access to all alphabetic characters, function key support via function and numbers. Additionally, the 48-key keypad is also available with a TN5250 overlay.
- The speaker is programmable for volume, duration and pitch.
- Handle with scan trigger is standard with 48-key keypad and optional with 38-key keypad.
- Chemical resistant, environmentally sealed case is IP54 rated. Operating temperature within 14°F to 122°F (-10°C to 50°C) range.
- A single dock (may be powered by an external power supply) is available.
- The MX2 is a powerful work tool which runs standard or application-specific software and several host terminal emulation programs (LXE’s ANSI Plus, TN3270 and TN5250 terminal emulators).

Note: LXE terminal emulation programs require radio equipped computers.

Note: Always store unused mobile devices with a fully charged main battery pack installed. LXE recommends the mobile device be connected to an external power source periodically to retain optimum power levels in the main battery pack and the backup battery.

Keypads

The MX2 is available with either a 38-key or 48-key keypad. In addition, the 48-key keypad offers a TN5250 overlay, designed to allow the user to enter terminal emulator commands when running LXE's IBM TN5250 Terminal Emulation (TE) program.

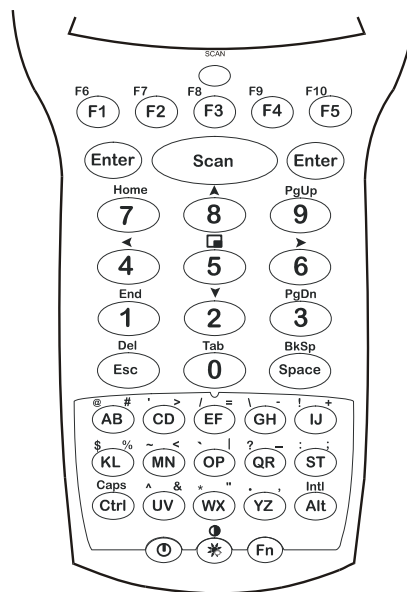
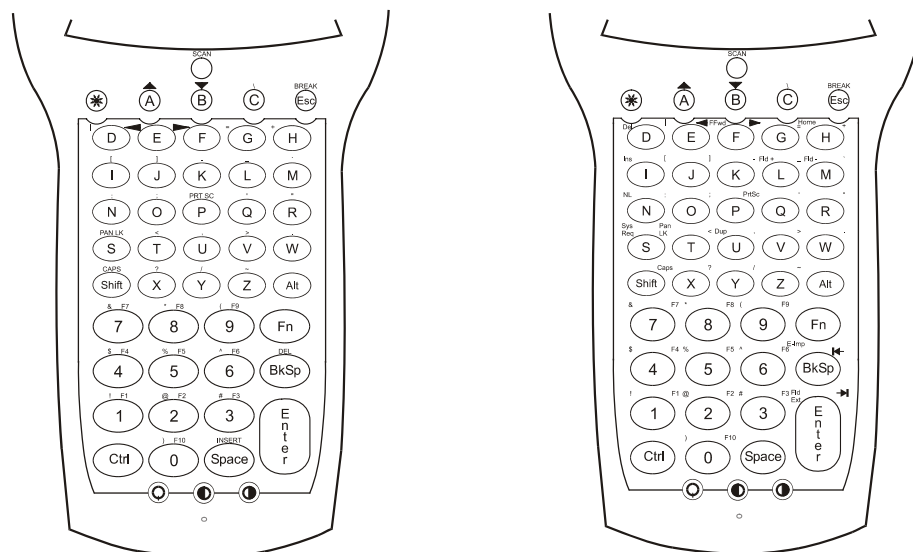


Figure 3 The MX2 38-key Keypad










48-key Keypad

48-key Keypad with TN5250 Overlay

Figure 4 The MX2 48-key Keypads

Document Conventions

This reference guide uses the following document conventions:

ALL CAPS	All caps are used to represent disk directories, file names, and application names.
Menu Choice	Rather than use the phrase “choose the Save command from the File menu”, this manual uses the convention “choose File Save”.
“Quotes”	Indicates the title of a book, chapter or a section within a chapter (for example, “Document Conventions”).
< >	Indicates a key on the keyboard (for example, <Enter>).
	Indicates a reference to other documentation.
	Differences in operation or commands due to radio type.
ATTENTION	Keyword that indicates vital or pivotal information to follow.
	Attention symbol that indicates vital or pivotal information to follow. Also, when marked on product, means to refer to the manual or operator’s guide.
	International fuse replacement symbol. When marked on the product, the label includes fuse ratings in volts (v) and amperes (a) for the product.
<i>Note:</i>	Keyword that indicates immediately relevant information.
Caution	Keyword that indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.
	
WARNING	Keyword that indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.
	
DANGER	Keyword that indicates an imminent hazardous situation which, if not avoided, will result in death or serious injury.
	

AC Power Adapter is only intended for use in a 25°C (77°F) maximum ambient temperature environment.

Batteries

A battery icon is displayed at the top right corner of the screen when the unit is running with a charged battery.

When the main battery has lost most of its charge, an icon of an “empty” battery appears at the top right corner of the screen. The MX2 also may be programmed to emit a beep at intervals when the battery is low. When you see the empty-battery icon or hear the warning beeps, you should turn the unit off and recharge or replace the batteries as soon as possible. The backup battery will retain all data in memory while the other batteries are out of the unit.

After you recharge or replace the batteries and turn the unit back on, it returns to wherever you were in your application when you turned it off.


Main Battery

The MX2 uses nickel metal-hydride (NiMH) batteries that are contained in 1600 mAh battery packs. The MX2 also has a built-in lithium backup battery that temporarily saves data when the main battery loses its charge. The battery pack is a rugged plastic enclosure that is designed to withstand the ordinary rigors of an industrial environment. Exercise care when transporting the battery pack making sure it does not come in contact with excessive heat or any power source other than the LXE MX2 docking station. This product is not designed to use alkaline batteries.

Backup Battery

The MX2 has a permanent lithium battery installed to maintain time, date and CMOS setup information. The lithium battery is not user serviceable and should last five years with normal use before it requires replacement.

Note: The backup battery should only be changed by authorized service personnel.

Caution:  This product contains a lithium battery. There is a danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the battery manufacturer's instructions.

Note: Always store unused mobile devices with a fully charged main battery pack installed. LXE recommends the mobile device be connected to an external power source periodically to retain optimum power levels in the main battery pack and the backup battery.

How To Insert/Replace Battery

Note: The unit will not function unless the battery compartment cover is in place and securely latched.

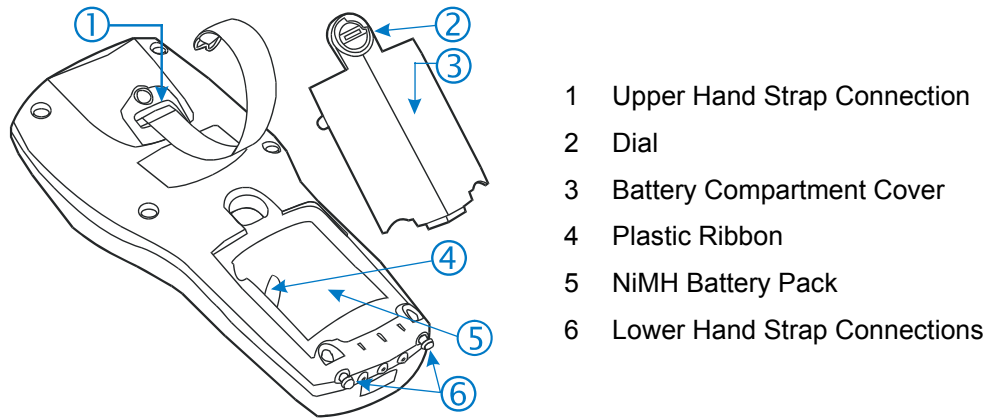


Figure 5 Battery Pack Compartment

The main battery pack is located in a compartment on the back of the unit. To insert or replace the battery pack, complete the following steps:

Note: Be sure to turn the unit off before removing the battery. If you don't, you may lose all data in memory.

1. Turn the MX2 off.
2. Detach the elastic handstrap by releasing its hook from the connection near the base.
3. Turn the dial counter-clockwise to release the battery cover and set the cover aside.
4. Pull the end of the plastic ribbon sticking out of the battery compartment toward the battery pack until it pops out.
5. Remove the battery pack. Lay the plastic ribbon along the bottom of the battery compartment with the end sticking out.
6. Find the positive (+) and negative (–) symbols on the battery pack's label.
7. With the label facing you, tilt the positive end (+) of the pack into the upper end of the battery compartment, and firmly press the negative end (–) until it is fully inserted into the battery compartment.
8. Replace the battery compartment cover by inserting the bottom tab into the slot and rotating the cover latch in a clockwise direction. Be sure the plastic ribbon is tucked underneath the cover.
9. Replace the handstrap hook in its holder.

Note: The battery pack should not be replaced in a dirty or harsh environment. When the battery compartment cover is off, any dust or moisture that enters the battery compartment can get into the main unit, potentially causing damage.

Replacing Battery in MX2 with Handle

Note: The unit will not function unless the battery compartment cover is in place and securely latched.

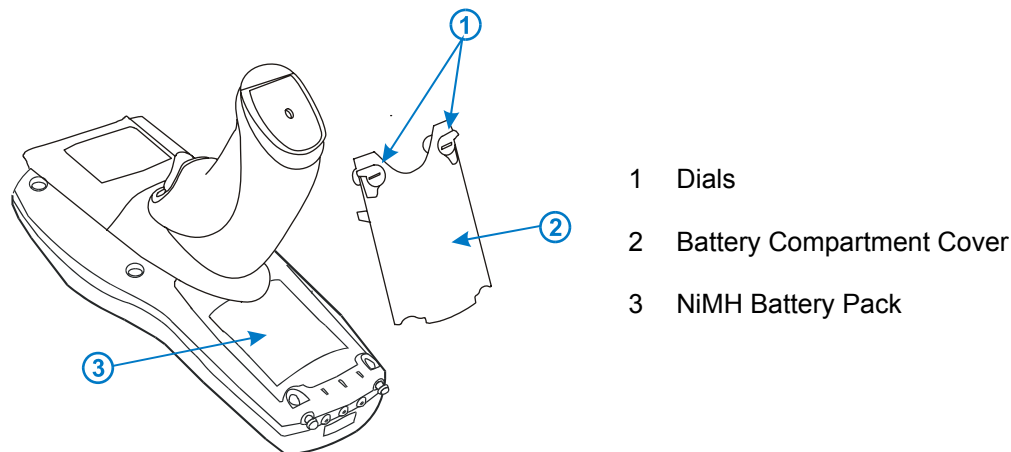


Figure 6 (Handle) Battery Pack Compartment

The main battery pack is located in a compartment on the back of the unit. To insert or replace the battery pack, complete the following steps:

Note: Be sure to turn the unit off before removing the battery. If you don't, you may lose all data in memory.

1. Turn the MX2 off.
2. Turn the dials counter-clockwise to release the battery cover and set the cover aside.
3. Pull the end of the plastic ribbon sticking out of the battery compartment toward the battery pack until it pops out.
4. Remove the battery pack. Lay the plastic ribbon along the bottom of the battery compartment with the end sticking out.
5. Find the positive (+) and negative (–) symbols on the battery pack's label.
6. With the label facing you, tilt the positive end (+) of the pack into the upper end of the battery compartment, and firmly press the negative end (–) until it is fully inserted into the battery compartment.
7. Replace the battery compartment cover by inserting the bottom tab into the slot and rotating the dials in a clockwise direction. Be sure the plastic ribbon is tucked underneath the cover.
8. Replace the handstrap hook in its holder.

Charging the MX2 Batteries in A Dock

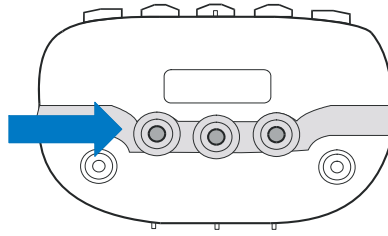


Figure 7 Charging Contacts on Bottom of MX2

The charging contacts on the MX2 must be firmly seated in the Dock before charging or communications can begin.

Place the MX2 in the dock, with the keypad facing front (on the same side of the dock as the dock indicators). Leave the main battery in the MX2 when placing it in the docking station to recharge the batteries.

The NiMH battery and the backup battery are recharging while the READY light is illuminated on the powered dock.

The dock must be receiving AC power (and the POWER light must be illuminated) before the battery pack can be recharged.

The charging time in the single dock is less than 3 hours.

Serial Communication in the Dock

When serial communications are desired, the dock must be receiving AC power and be cabled through the dock's serial port before communications between the MX2 and the host computer or another serial device can occur.

Operation

Quick Start

This section's instructions are based on the assumption that your new MX2 is pre-configured and requires only a power source.

In general, the sequence of events is:

Battery full icon



Power key, 38-key keypad



Power key, 48-key keypad



1. Turn the battery compartment dial counter-clockwise. Remove cover and set aside.
2. Insert NiMH battery. Replace the battery cover and turn the compartment dial clockwise to lock.
3. Turn the MX2 on by pressing the Power key. A battery icon is displayed at the top right corner of the display when the MX2 is running with a charged battery.
4. Turn the MX2 off by pressing the Power key again.

Power Up

The first time you turn the unit on, you may see the following message:

```
Initial power-up or  
critical data loss.  
Drive D formatted.  
Press any key...
```

This message appears with normal operation and does **not** indicate a problem. Just press the [Enter] key, and the unit will continue to boot up.

This message will also appear when you place new or recharged batteries in the unit after the backup battery has been drained. Again, this is normal and not a problem.

"Please Wait" Messages

With certain types of PC cards installed, the MX2 performs various operations on the card whenever you turn it on or off. While these operations are happening, the unit displays a message in reverse video indicating that it is powering on or off. When turning the unit on, wait until the message disappears before using the unit. When turning the unit off to replace the batteries, wait until the message disappears before removing the batteries.

Auto-Shutoff

The MX2 has an automatic shutoff feature that helps conserve battery life when the unit is not being used. When a specified amount of time (default is 5 minutes) has passed since a key or trigger has been pressed, the unit turns itself off. All data in memory is maintained. Press the Power button to turn the unit back on.



Instructions for changing the Auto-Off Timer are located in Appendix C in the MX2 Reference Guide.

Hardware Reset

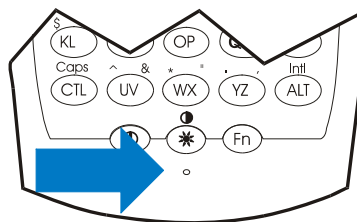


Figure 8 Hardware Reset


In the extremely rare situation where none of the rebooting methods is successful, you can use a reset mechanism that is located below the keypad. Insert one end of a paperclip into the small hole beneath the keypad and press gently but firmly. This will cause the MX2 to begin a cold boot.

Laser Scanner

Read all cautions, warnings and labels *before* using the scanner.

Cautions, Labels and Warnings

- Do not look into the laser's lens.
- Do not stare directly into the laser beam.
- Do not remove the laser caution labels from the MX2.

<p>Caution:</p> 	<p><i>Laser radiation when open. Please read the caution labels.</i></p> <p><i>Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.</i></p> <p><i>This product uses laser light. One of the following labels is provided on the scanner. Please read the Caution statement.</i></p>
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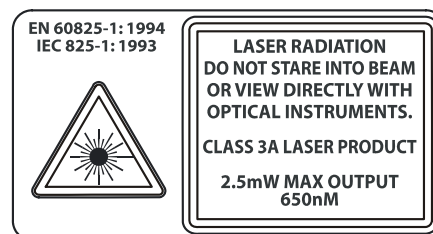
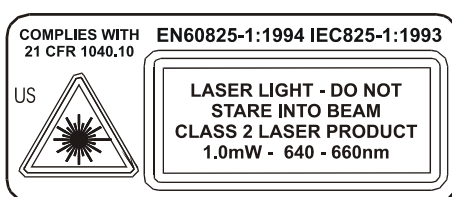


Figure 9 Class 2 and Class 3A Caution Label

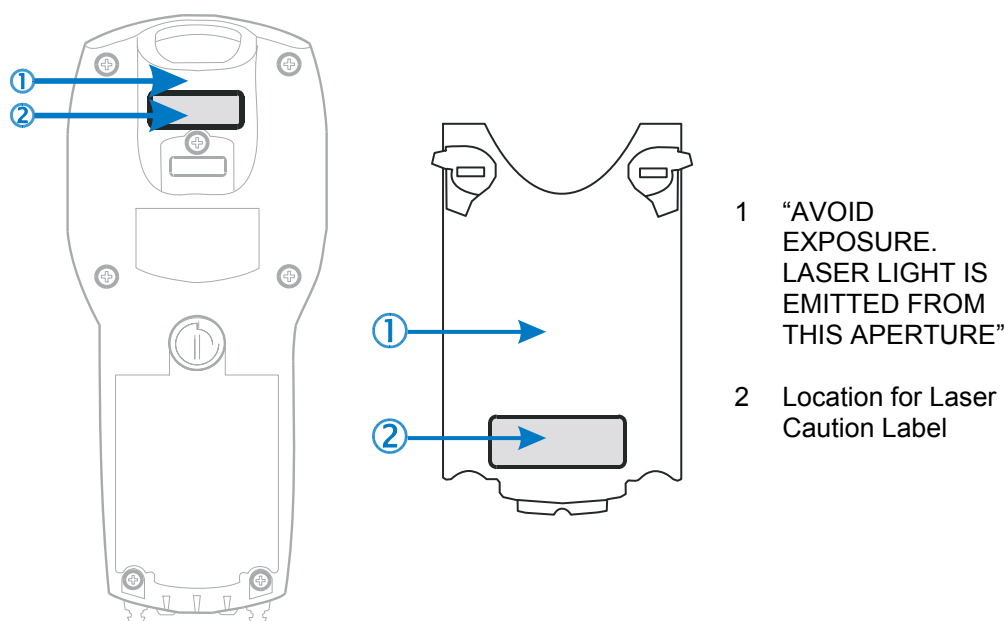


Figure 10 Label Location

Using the Laser Scanner

Read all cautions, warnings and labels *before* using the scanner.

Triggering a Scan

38-key Keypad

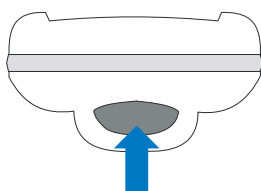


Figure 11 MX2 Internal Laser at Top of Unit

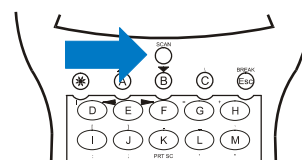


Figure 12 Scan LED

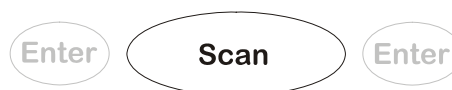


Figure 13 Scan Button on MX2 38-key Keypad

The MX2 unit has one scan button – a large key in the middle of the keyboard labeled Scan. This key cannot be reprogrammed.

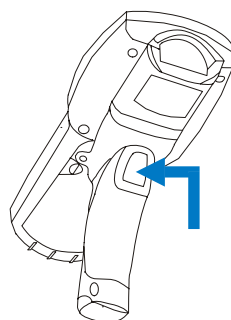


Figure 14 Scan Trigger on Handle

With the optional handle installed on the MX2, pressing the trigger activates the scanner and functions the same as the Scan button. With the handle installed the Scan button remains active. The trigger duplicates the operation.

Due to sealing and environmental issues, no external port is available for external tethered scanners, even if the MX2 is ordered without an internal laser. When the MX2 does not have a scanner, although the scanner aperture is present, pressing the Scan button or trigger has no effect.

Do not pour, spray, or spill any liquid on the scanner. The Barcode Scanner contains the circuitry, scanning motor and laser. Handle with appropriate care.

48-key Keypad

The MX2 unit with the 48-key keypad does not have a scan button. Instead this unit relies on the trigger on the handle.

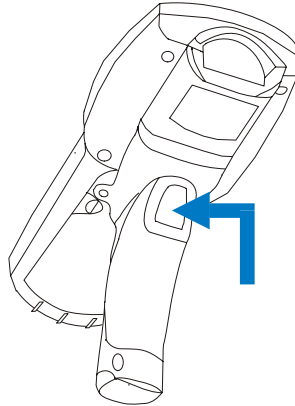


Figure 15 Scan Trigger on Handle

Pressing the trigger activates the scanner and functions the same as a Scan button.

Due to sealing and environmental issues, no external port is available for external tethered scanners, even if the MX2 is ordered without an internal laser. When the MX2 does not have a scanner, although the scanner aperture is present, pressing the Scan trigger has no effect.

Do not pour, spray, or spill any liquid on the scanner. The Barcode Scanner contains the circuitry, scanning motor and laser. Handle with appropriate care.

How To . . .

To use the laser, aim the top of the unit at a barcode and press the Scan key or press the trigger, if a handle is installed.

- A red light emitting diode (LED) directly below the display indicates when the MX2 is scanning.
- The Scan LED turns green to indicate when a barcode was successfully read (a good scan).

Aiming the Barcode Scanner

Aim the scanner away from you, direct it at the barcode and press the trigger or button (as applicable) to scan. The Scan LED (indicator is located directly below the display) turns red to indicate the scanner is on.

Adjust the aim so that the narrow, red laser beam covers the entire length of the barcode.

The scan beam must cross every bar and space on the barcode.



Figure 16 Scan Beam

Make sure the barcode is within the scanning range.

The range of a scanner is dependent upon many outside influences including size of the barcode, quality of the barcode printing, material the barcode is printed on, and angle of the scanner beam relative to the barcode label. Any of these factors may result in having to re-scan the label from a different distance or angle.

Distance from Label

Large barcodes can be scanned at the maximum distance. Hold the scanner closer to small barcodes (or with bars that are very close together).

Successful Scan

When the scan is successful, the Scan LED turns green, then switches off, and the currently running application (such as ANSI Plus) may produce a distinctive audible tone.

Unsuccessful Scan

When the scan is unsuccessful, the Scan LED remains red and the currently running application (such as ANSI Plus) may produce distinctive audible tones. Check the following:

- Is the scanner programmed for the barcode being read?
- Check the barcode for marks or physical damage e.g. ripped label, missing section, etc.
- Try scanning test symbols of the same code type at different distances and angles.

Cleaning the Scanner Aperture

Keep fingers and rough or sharp objects away from the scan aperture and display. If the glass becomes soiled or smudged, clean only with a standard household cleaner such as Windex® without vinegar or use Isopropyl Alcohol. Do not use paper towels or harsh-chemical-based cleaning fluids since they may result in damage to the glass surface. Use a clean, damp, lint-free cloth. Do not scrub optical surfaces. If possible, clean only those areas which are soiled. Lint/particulates can be removed with clean, filtered canned air.

Keypad

38-key Keypad

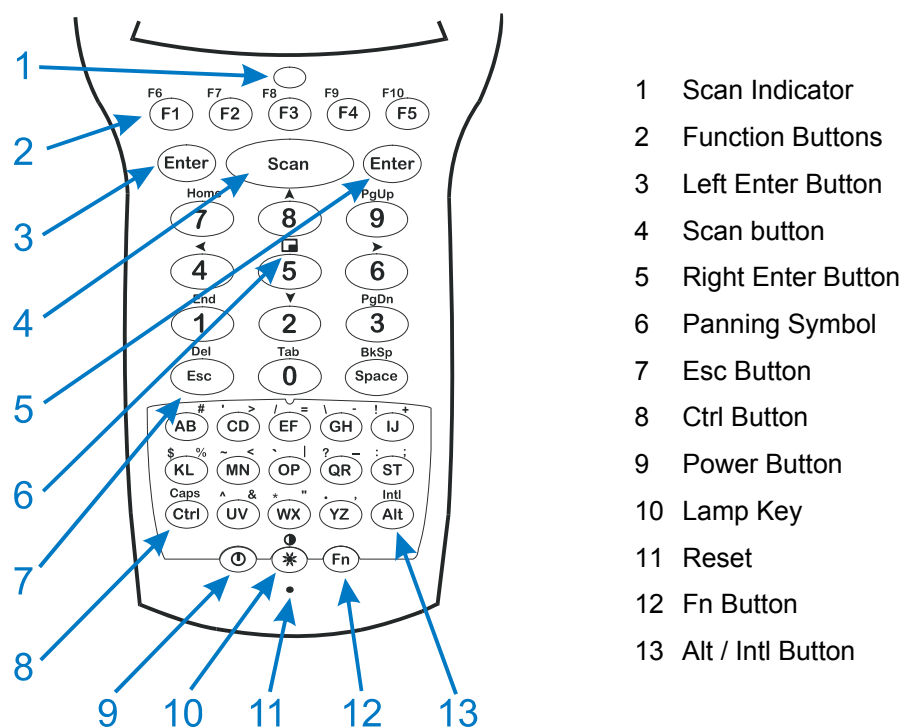


Figure 17 38-key Keypad

Key Maps


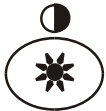


The MX2 with 38-key keypad does not use the following keys normally found on a computer keyboard:

F11	F12	Open/Closed Parentheses
Scroll Lock	Pause/Break	Print Screen/SysReq
Insert	Num Lock	Numeric keypad number keys
Right Alt		Open/Closed Square Brackets
Right Ctrl		Open/Closed Curly Braces

The Caps key provides the function of the following keys:

Left Shift	Right Shift	Caps Lock
------------	-------------	-----------

The MX2 with 38-key keypad has a few keys that are not found on a standard computer keyboard. These keys are shown in the following table:

Key	Default Use
	Power key. Turn the unit on and off.
	Lamp key. Turns the backlight on and off in the display.
	FN key. Outputs the symbol or activates the function (F6 - F10) above the next key pressed.
	Scan key. Operates the laser scanner.

Repeating Keystrokes

The MX2 keypad does not support repeating keystrokes.

DOS Key Functions Not Available on the MX2

Prnt Scrn	A function that is available at the DOS prompt on a desktop PC. The Prnt Scrn as a system function requires a parallel port and the MX2 has only serial ports.
Sys Req	A function that is available at the DOS prompt on a desktop PC. Sys Req is for use in a multi-tasking environment to switch between various running applications. The MX2 is not a multi-tasking computer, nor is DOS in general considered a multi-tasking environment.

Keypad Input Modes

Important	<i>When a key is pressed on the MX2 keypad, the result of the keypress depends on the current input mode.</i>
------------------	---

- **Type 1 input mode** remains in effect after each keypress until discontinued by user. Includes Caps.
- **Type 2 input mode** affects only a single keypress or a combination of keypresses.

Input Mode / Type	Result of Keypress
Normal /Type 1	Outputs the letter (lowercase), number or function on the key.
^{Caps} ⓈCtrl /Type 1	Outputs the uppercase letter on the key.
ⓈFn /Type 2	Outputs the symbol or function above the key.
ⓈCtrl /Type 2	Outputs the control meaning for alphanumeric or function keys.
ⓈAlt /Type 2	Outputs the alternate meaning for alphanumeric or function keys.
^{Intl} ⓈAlt /Type 2	Outputs a character from the international character set.

Key Combinations for International Characters

International Characters	Accent or Letter	Letter
á, é, í, ó, ú, É	‘(apostrophe)	a, e, i, o, u, E
ç or Ç	‘(apostrophe)	c or C
à, è, ì, ò, ù	`	a, e, i, o, u
â, ê, î, ô, û	^	a, e, i, o, u
ä, ë, ï, ö, ü, ÿ, Ä, Ö, Ü	:	a, e, I, o, u, y, A, O, U
å, Å	@	None
ñ or Ñ	~	m, n, M, or N
ß	s	s
æ, Æ	!	e or E
ı	?	None
ı	!	!
¢, £, ¥	\$	c, k, l, y

Enter international characters by using the following key sequence:

Fn-Alt *accent* *letter*

where

Fn-Alt is the key sequence to initiate the Intl key function,

accent is a character from the “Accent or Letter” column, and

letter is a character from the “Letter” column in the same row.

After the international icon appears on the screen, the next key pressed displays an international character and the keypad reverts to normal mode.

International Characters and LXE Terminal Emulations

The international characters shown above are supported in DOS mode only.

LXE’s terminal emulation applications (ANSI Plus, TN3270/-E and TN5250) do not support these particular international characters. Use the terminal emulation application configuration utilities to create international characters for use when running terminal emulation applications on the MX2.

Double Action Key Mode

The MX2 with 38-key keypad has 38 keys. There are two additional modes of operation (see previous section titled “Keypad Input Modes”) which affect how alpha keys and the punctuation characters above the alpha keys are accessed.

- Thirteen keys are used for alpha keys (the letters A – Z).
- Each key has two letters on the key itself, and two punctuation characters above the key.
- Accessing the alpha character printed on the left side of the key (the “first” letter) is done as normal.
- Accessing the alpha character printed on the right side of the key (the “second” letter) depends on the mode of operation.

The mode and timeout can be changed using the Configuration program, the Run-Time Library or by barcode scanning. Please refer to the MX2 Reference Manual for details.

Selecting Alpha Characters in Double Strike Mode

Double Strike Mode requires two rapid presses on a key to access the second (the right-most) character.

Left character – Press the Alpha key once and release. After a predetermined timeout (default is 330ms), the character will be displayed.

Right character – Quickly press the Alpha key twice. The second keypress must occur before the predetermined timeout (default is 330ms).

Selecting Alpha Characters in Press and Wait Mode

Press and Wait Mode requires pressing the key and holding it down for a certain amount of time to access the second (right most) character.

Left character – Press an Alpha key once and release

Right character – Press the Alpha key and hold for a predetermined timeout (default is 330ms).

The second character can be accessed in this way regardless of other types of input modes the MX2 is in. This includes Fn, Ctrl, and Alt key entries.

For example, to get the punctuation symbol above the B character:

1. Press the Fn key.
2. Perform the action to select the second (right-most) character for the key the B is on (this depends upon the Double Action key mode of operation).

Programmable Keys



Figure 18 Programmable Keys, 38-key Keypad

The Enter keys on the 38-key keypad can be reprogrammed from a list of available keys. If one Enter key is reprogrammed, the other key automatically becomes the Enter key.

1. To program an Enter key, hold down the Alt and the Fn key and the Enter key (that is to be programmed) at the same time.
2. The Program Trigger icon appears on the right of the LCD, the tail of the icon indicating which Enter key is to be reprogrammed.
3. Select the key sequence for the reprogrammed Enter key from one of the following valid functions:
 - Caps
 - Intl
 - Backspace
 - Tab
 - Enter

For example, to assign the left Enter key to Caps, press Alt+Fn, the Left Enter key, release and then press Ctrl. The MX2 automatically translates the Ctrl keypress into the Caps key.

The reprogrammed key retains the new value assignment when the unit is powered on and off.

48-key Keypad

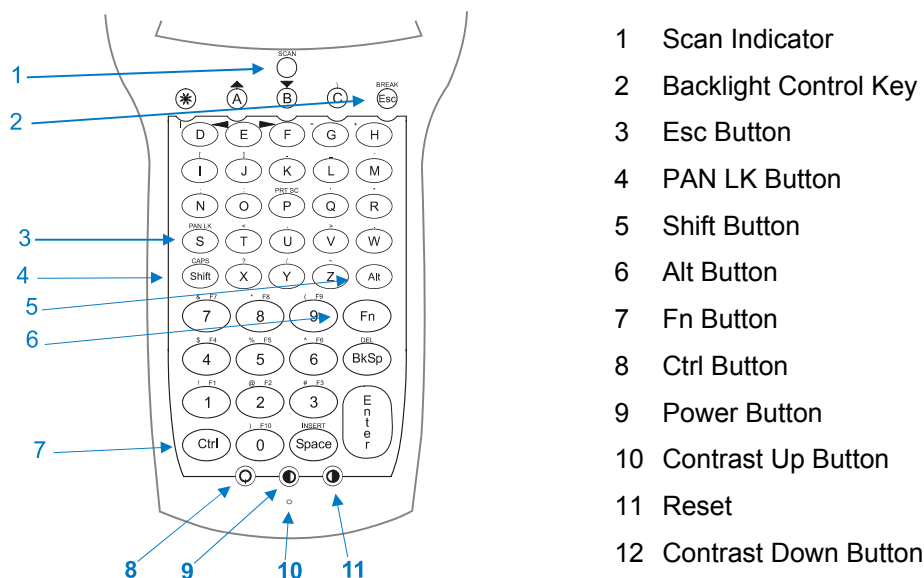


Figure 19 48-key Keypad

Note: The 48-key keypad is also available with an IBM TN5250 overlay. The features discussed in this section apply to both the standard and TN5250 overlay 48-key keypads.

Key Maps

The MX2 with 48-key keypad does not use the following keys normally found on a computer keyboard:

F11	F12	Open and Closed Curly Braces
Caps Lock	Num Lock	Scroll Lock
Left Shift	Right Shift	Numeric Keys
Right Alt	Right Ctrl	Home
Page Up	Page Down	End
Tab / Next		






Note: The Tab key is available when using the Config utility. It is not available at a DOS prompt.

The Shift key provides the function of the following keys:

Left Shift	Right Shift	Caps Lock ¹
------------	-------------	------------------------

¹ Equivalent CapsLock function is provided via the Fn Shift keypress.

The MX2 with 48-key keypad has a few keys that are not found on a standard computer keyboard. These keys are shown in the following table:

Key	Default Use
	Power key. Turn the unit on and off.
	Backlight key. Turns the backlight on and off in the display.
	FN key. Outputs the symbol or activates the function (F6 - F10) above the next key pressed.
	Contrast Up key. Increases the contrast of the display.
	Contrast down key. Decreases the contrast of the display.

Note: There is no Scan key on the 48-key keypad.

Repeating Keystrokes

The 48-key keypad supports repeating keystrokes:

- Press and hold the desired key to repeat a keystroke.
- After a brief delay, the keystroke is automatically repeated until the key is released.






DOS Key Functions Not Available on the MX2

Prnt Scrn	A function that is available at the DOS prompt on a desktop PC. The Prnt Scrn as a system function requires a parallel port and the MX2 has only serial ports.
Sys Req	A function that is available at the DOS prompt on a desktop PC. Sys Req is for use in a multi-tasking environment to switch between various running applications. The MX2 is not a multi-tasking computer, nor is DOS in general considered a multi-tasking environment.

Keypad Input Modes

Important	<i>When a key is pressed on the MX2 keypad, the result of the keypress depends on the current input mode.</i>
------------------	---

- **Type 1 input mode** remains in effect after each keypress until discontinued by user. Includes Caps.
- **Type 2 input mode** affects only a single keypress or a combination of keypresses.

Input Mode / Type	Result of Keypress
Normal /Type 1	Outputs the letter (lowercase), number or function on the key.
 /Type 1	Outputs the uppercase letter on the key.
 /Type 2	Outputs the symbol or function above the key.
 /Type 2	Outputs the control meaning for alphanumeric or function keys.
 /Type 2	Outputs the alternate meaning for alphanumeric or function keys.
 /Type 2	Outputs the uppercase letter on the key and symbol characters above the numeric keys.

Display

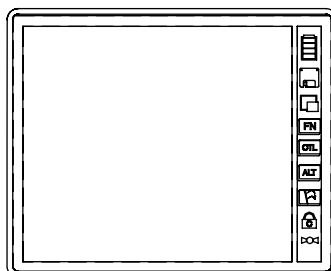


Figure 20 Screen Display with Icons on Right





The display is a backlit LCD of 20 characters in 16 rows. If you enter more than the maximum number of characters, the text will scroll to the left to display the additional characters in the line.








Cleaning the Display and Scan Aperture

Keep fingers and rough or sharp objects away from the scan aperture and display. If the glass becomes soiled or smudged, clean only with a standard household cleaner such as Windex® without vinegar or use Isopropyl Alcohol. Do not use paper towels or harsh-chemical-based cleaning fluids since they may result in damage to the glass surface. Use a clean, damp, lint-free cloth. Do not scrub optical surfaces. If possible, clean only those areas which are soiled. Lint/particulates can be removed with clean, filtered canned air.

Displayed Icons and Input Modes

Icons located along the right side of the display indicate the current input mode.

Icon	Meaning
None	Normal mode. Outputs the letter (lowercase), number or function on the key.
	Low battery warning, may be accompanied by a series of beeps. Turn off the MX2 and recharge or replace the batteries as soon as possible.
	Main and backup batteries are full.
	Internal disk drive is being accessed. Wait until the icon disappears before continuing to use the unit.
	Display panning mode. Used in conjunction with the FN and cursor control keys. When finished, press and release the Fn key to return to the current cursor position.

Icon	Meaning
	Function mode. Outputs the symbol or activates the function above the next key pressed. Function icon is then removed from the screen.
	Contrast Adjust mode. Display contrast is being adjusted using the arrow keys. Function icon is removed from the screen when Fn is pressed again. (38-key keypad only)
	Control mode. Outputs the control meaning for alphanumeric or function keys. Control icon is then removed from the screen.
	Alternate mode. Outputs the alternate meaning for alphanumeric or function keys. Alt icon is then removed from the screen. (38-key keypad only)
	International character. Outputs an international character generated by a combination of the next two keypresses. International icon is then removed from screen. (38-key keypad only)
	Caps input mode. Provides Caps Lock, Left shift and right shift functions. Outputs uppercase character on the key. Press Caps key again to remove icon from screen.
	Programming Enter key function to left or right indicates which Enter key is being programmed. (38-key keypad only)

Panning the Display

38-key Keypad

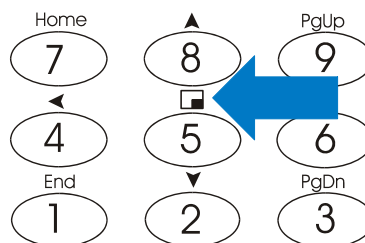


Figure 21 Panning Icon, 38-key Keypad

Hold down the [FN] key and press the 5 key to toggle the Panning function.

Use the cursor keys (2, 4, 6, 8) to move the display up, down, to the left, or to the right. The panning icon appears on the right side of the display. Toggle the Panning function off by pressing [5] and the display snaps back to make the current cursor position visible.

While in panning mode, pressing any key other than 5, 2, 4, 6, or 8 exits panning mode, snaps back to the cursor and displays the pressed character (if applicable).

For example, once the [FN-5] combination is entered, the FN state is no longer active (but panning mode is), so pressing the “AB” key to exit panning mode will result in an “a” being displayed.

48-key Keypad

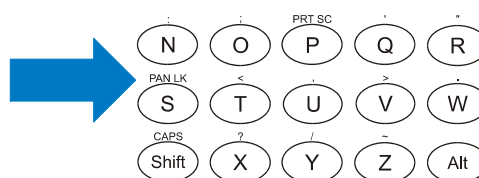


Figure 22 PAN LK Button, 48-key Keypad

Hold down the [FN] key and press the S key to toggle the Panning function.

Use the cursor keys (A, B, E, F) to move the display up, down, to the left, or to the right. The panning icon appears on the right side of the display. Toggle the Panning function off by pressing [S] and the display snaps back to make the current cursor position visible.

While in panning mode, pressing any key other than A, B, E, F, or S exits panning mode, snaps back to the cursor and displays the pressed character (if applicable).

For example, once the [FN-S] combination is entered, the FN state is no longer active (but panning mode is), so pressing the “A” key to exit panning mode will result in an “a” being displayed.

Adjusting the Contrast

38-key Keypad



Figure 23 Adjust Contrast with the Lamp Key, 38-key Keypad

Contrast will adjust the contrast between text and the display background.

Hold down the [FN] key and press the [Lamp] key to enter the Contrast Adjust mode. To indicate that contrast mode is active, two dots to the right of the Fn icon on the right-hand side of the display will toggle back and forth.



Figure 24 Fn Display Icon in Contrast Adjust Mode, 38-key Keypad

The left and down arrow keys will decrease the contrast.

The right and up arrow keys will increase the contrast of the display.

Press the [FN] key again when finished.

48-key Keypad



Contrast Up



Contrast Down

Figure 25 Adjust Contrast, 48-key Keypad

Contrast will adjust the contrast between text and the display background.

The Contrast Down key decreases the contrast of the display.

The Contrast Down key increases the contrast of the display.

Using the Backlight



Instructions for changing the Backlight Auto-Off Timeout are located in Appendix C in the MX2 Reference Guide.

38-key Keypad



Figure 26 Toggle Display Backlight with the Lamp Key, 38-key Keypad

The [Lamp] key is located in the middle of the bottom row of the 38-key keypad and is used to turn the backlight on and off.

Press the Lamp key to turn the backlight on and off.

To save battery power, the backlight will shut off automatically if no key is pressed within a certain amount of time (default is 15 seconds). The backlight will turn on again when any keypad key is pressed.

48-key Keypad



Figure 27 Toggle Display Backlight Key, 48-key Keypad

The Backlight key is located on the left side of the top row of the 48-key keypad and is used to turn the backlight on and off.

Press the Backlight key to turn the backlight on and off.

To save battery power, the backlight will shut off automatically if no key is pressed within a certain amount of time (default is 15 seconds). The backlight will turn on again when any keypad key is pressed.

The IR Serial Port

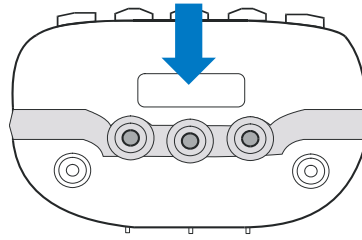


Figure 28 IR Serial Port

The serial port is a half duplex IR (Infrared) port. Through software commands, the port may be set up for IR or a modified RS-232 serial communication.

In general, the IR mode is used when communicating to other IR devices (printers, computers, etc.) and the modified RS-232 mode is used to communicate with the dock for host communications.

In IR mode, all physical communications meet the IrDA physical layer specification. In the modified RS-232 serial mode, the IR port is used to transmit RS-232 level data out the IR port. The third pin along the bottom of the MX2 is used to receive RS-232 level data while in the dock.

When transferring files using the IR port, flow control must be the same on both sides of the transmission (specifically, with Zmodem: both must use Xon/Xoff).

Getting Help

LXE user guides are now available on CD and they can also be viewed/downloaded from the LXE ServicePass website. Contact your LXE representative to obtain the LXE Manuals CD or access to the LXE ServicePass website. You can also check the LXE ServicePass website for the latest manual releases.

Note: Obsolete/archived manuals are not available on the LXE Manuals CD. They are available for download from the ServicePass website only.

You can get help from LXE by calling the telephone numbers listed on the LXE Manuals CD, in the file titled “Contacting LXE.” This information is also available on the LXE website. Explanations of terms and acronyms used in this manual are located in the file titled “LXE Technical Glossary” on the LXE Manuals CD and on the LXE ServicePass website.

Manuals and Accessories

Manuals

The following manuals are available on the LXE Manuals CD and the LXE ServicePass website:

User Guides (for the daily user)

- [MX2 User’s Guide – English \(ServicePass only\)](#)
- [MX2 User’s Guide – German \(ServicePass only\)](#)

Reference Guides (for the SysAdmin)

- [ANSI Plus Reference Guide](#)
- [DOS API Programming Guide](#)
- [Integrated Scanner Programming Guide for DOS Devices](#)
- [MX2 Reference Guide \(ServicePass only\)](#)
- [TN3270 Terminal Emulation Reference Guide](#)
- [TN5250 Terminal Emulation Reference Guide](#)

Networking

- [WaveLink Avalanche for DOS Reference Guide](#)
- [SNMP Agent Reference Guide](#)
- [Telnet Manager Reference Guide](#)

Peripherals

- [Getting the Most out of Your Batteries](#)
- [MX2 Docking Station User’s Guide](#)
- [PCMCIA Card Management and LXE DOS Computers \(ServicePass only\)](#)

Accessories

Battery, 1650 mAh, NiMH, MX2	2325A376BATTNMH850
Battery Charger, 120V Single-slot	2325A377CHGR1US
Battery Charger, 230V Single w/Euro connector	2325A378CHGR1EU
Battery Charger, 230V Single w/IEC 320 connector	2325A379CHGR1IEC
Battery Charger, 120V Four-slot w/pwr supply US	MX2A380CHGR4US
Battery Charger, 230V Four-slot w/pwr supply Euro	MX2A381CHGR4EU
MX2 Softcase, Clear Protective Cover (keyboard and display)	MX2A401CASE
MX2 Soft Case, Open Front (does not include clear plastic cover)	MX2A403CASE
MX2 Holster	MX2A402HOLSTER
Softcase, MX2 With Handle, Clear protective cover	MX2WHA401CASE
Holster, MX2 With Handle	MX2WHA402HOLSTER
MX2 Nylon Hand Strap Kit (cannot be used with MX2 w/handle)	990010-0004
Dock, Single Slot *	MX2A001DOCKSINGLE
Dock, Single, Power Supply (120V), External AC, US *	2325A301PSDOCK120
Dock, Single, Power Supply (230V), External AC, Int'l *	2325A302PSDOCK230
Dock Serial Cable (9 Pin and 25 Pin) [dock to PC or dock to printer]	2325A052CBLDOCK925
Cable, Serial RJ-DB9 (terminal to PC cable) (Obsolete)	2325A051CBLRJDB9
Configuration Utility (Obsolete)	2325A478CONFIGUTIL
Developer's Tool Kit (for C programmers) (Obsolete)	2325A476DEVKIT
Universal Program Generator (for batch applications) (Obsolete)	2325A477UNIPROGEN

* Requires Dock Power Supply for each dock.

Revision History

Revision J – Sept 2005

Entire Manual (Sept 2005) Updated document presentation to reflect LXE's 2005 documentation standards. Added new LXE logo. Noted obsolescence of Symbol FHSS radios where applicable. Added WEEE statement.

Manuals and Accessories Added updated "Getting Help" and "Manuals." Updated "Accessories" to 2005 availability.

Revision H – July 2004

Batteries : Added recommendation to store MX2 for extended period with a fully charged battery pack installed.

Manuals and Accessories : Updated "Accessories" to July 2004 availability.

Appendix B – Regulatory Notices and Safety Information : Updated Cisco 6726 Declaration of Conformity.

Revision G -

Entire Manual : Changed name of guide from “MX2 Installation and Operator’s Guide” to “MX2 User’s Guide”.

Appendix B – Regulatory Notices and Safety Information : Symbol 2Mb FHSS Radio regulatory information verified.

Revision F – July 2003

Appendix B – Regulatory Notices and Safety Information : Updated Approvals table. Added 6816 Declaration of Conformity.

Revision E – April 2003

Notices : Update notices, copyrights and trademarks.

Introduction : Update “Features” and “Keypads” sections.

Keypads : Update “48-key Keypad” section.

Appendix A – Key Maps : Add “IBM TN5250 Terminal Emulation Keypad” section.

Revision D – Dec 2002

Features : Update features list to include 38-key and 48-key keypad options. Update figures to show front and back of 38-key keypad and 48-key keypad units.

Quick Start : Update to include Power Keys on 38-key and 48-key keypads.

Entire Manual : Split the following sections into 38-key Keypad and 48-key Keypad sections: Triggering a Scan, Keypad, Panning the Display, Adjusting the Contrast, Using the Backlight.

Cleaning the Display and Scan Aperture : New section.

Appendix A – Key Maps : Add 48-key Keypad keymaps.

Revision C – February 2002

Entire manual : Remove all instances of "LXTrEme". Change manual style for on-line viewing. Edit figures for on-line viewing. Change DocID number and remove Revision indicator from footer.

Regulatory Notices : Add Datalight, Inc. and Adobe Acrobat copyright information. Update R&TTE Directive Requirements. Replace Lithium Battery Safety Statement with correct version. Add RF Safety Notice. Move Regulatory Notices to Appendix B "Regulatory Notices and Safety Information." Add new sentence to RF Safety Notice.

Batteries : Add section "Replacing Battery in MX2 with Handle".

Operations : Add updated RF Safety Notice and Class 3A laser label figure. Add Handle information to section titled "MX2 Laser Scanning". Add section for “DOS Key Functions Not Supported on the MX2”.

Accessories : Change 1250mAh battery to 1650mAh. Part number does not change.

Contacting LXE : Remove "Contacting LXE" section. The information is available on the LXE Manuals CD, in the file titled "Contacting LXE". Add section titled "Getting Help."

Appendix A – Key Maps : Remove PrintScn and SysReq from key mapping as they are not supported on the MX2.

Appendix B – Regulatory Notices and Safety Information : New. Appendix contains Document of Compliance's for PCMCIA radios, translations of laser and battery warnings, etc.

Revision B – June 2001

Regulatory Notices : Add Datalight, Inc. and Adobe Acrobat copyright information. Update R&TTE Directive Requirements. Add RF Safety Notice. Replace Lithium Battery Safety Statement with correct version.

Batteries : Add section "Replacing Battery in MX2 with Handle".

Operations : Add RF Safety Notice and Class 3A laser label figure. Add Handle information to section titled "MX2 Laser Scanning".

Keypad : Add section for “DOS Key Functions Not Supported on the MX2”.

Manuals and Accessories : Remove "TN6600 System Administrator’s Guide" and "User’s Guide : OnNet Kernel for Windows 2.0 and PC/TCP Network Software Kernel for DOS 4.0" from manual listing. Add protective case for MX2 with pistol grip to list of accessories.

Appendix A – Key Maps : Remove PrintScrn and SysReq.

Revision A – October 2000 - Initial Release

Appendix A Key Maps

38-Key Keypad

38-key Keypad Keypress Sequences for Batch Units

To get this key	First press this key				Then press this key
	Fn	DbIStk	Ctrl	Alt	
Contrast	See “Adjusting the Contrast” earlier in this manual.				
Volume					MX2 Config Program
Fn					Fn
Shift	x				Ctrl
Alt					Alt
Ctrl					Ctrl
Scan					Scan
Enter					Enter
Escape					Esc
International	x			x	Desired Keys ²
Back Space	x				Space
Tab	x				0
BackTab					N/A
Space					Space
Break					N/A
Pause					N/A
Up Arrow	x				8
Down Arrow	x				2
Right Arrow	x				6
Left Arrow	x				4
Pan Up	x				5 then Up Arrow
Pan Down	x				5 then Down Arrow
Pan Right	x				5 then Right Arrow
Pan Left	x				5 then Left Arrow
Pan Home	x				7
Insert					N/A
Delete	x				Esc
Home	x				7
End	x				1

² See section titled “Key Combinations for International Characters” for keypresses and instruction.

To get this key	First press this key				Then press this key
	Fn	DbIStk	Ctrl	Alt	
Page Up	x				9
Page Down	x				3
NumLock (Toggle)					N/A
CapsLock (Toggle)	x				Ctrl
Right Shift	x		x		6
Left Shift	x		x		4
Right Alt					N/A
Left Alt					Alt
Right Ctrl					N/A
Left Ctrl					Ctrl
ScrollLock					N/A
F1					F1
F2					F2
F3					F3
F4					F4
F5					F5
F6	x				F1
F7	x				F2
F8	x				F3
F9	x				F4
F10	x				F5
F11					N/A
F12					N/A
a					AB
b		x			AB
c					CD
d		x			CD
e					EF
f		x			EF
g					GH
h		x			GH
i					IJ
j		x			IJ
k					KL
l		x			KL
m					MN
n		x			MN
o					OP
p		x			OP
q					QR

To get this key	First press this key				Then press this key
	F ⁿ	Db Stk	Ctrl	Alt	
r		x			QR
s					ST
t		x			ST
u					UV
v		x			UV
w					WX
x		x			WX
y					YZ
z		x			YZ
A	x		x		AB
B	x	x	x		AB
C	x		x		CD
D	x	x	x		CD
E	x		x		EF
F	x	x	x		EF
G	x		x		GH
H	x	x	x		GH
I	x		x		IJ
J	x	x	x		IJ
K	x		x		KL
L	x	x	x		KL
M	x		x		MN
N	x	x	x		MN
O	x		x		OP
P	x	x	x		OP
Q	x		x		QR
R	x	x	x		QR
S	x		x		ST
T	x	x	x		ST
U	x		x		UV
V	x	x	x		UV
W	x		x		WX
X	x	x	x		WX
Y	x		x		YZ
Z	x	x	x		YZ
1 (alpha)					N/A
2 (alpha)					N/A
3 (alpha)					N/A
4 (alpha)					N/A
5 (alpha)					N/A

To get this key	First press this key				Then press this key
	F ⁿ	DbIStk	Ctrl	Alt	
6 (alpha)					N/A
7 (alpha)					N/A
8 (alpha)					N/A
9 (alpha)					N/A
0 (alpha)					N/A
DOT (alpha)	x				YZ
1 (numeric)					1
2 (numeric)					2
3 (numeric)					3
4 (numeric)					4
5 (numeric)					5
6 (numeric)					6
7 (numeric)					7
8 (numeric)					8
9 (numeric)					9
0 (numeric)					0
DOT (numeric)					N/A
- (numeric)					N/A
+ (numeric)					N/A
/ (numeric)					N/A
* (numeric)					N/A
Home (numeric)	x				7
End (numeric)	x				1
PgDn (numeric)	x				3
PgUp (numeric)	x				9
Lt Arrow (numeric)	x				4
Rt Arrow (numeric)	x				6
Up Arrow (numeric)	x				8
Dn Arrow (numeric)	x				2
Insert (numeric)					N/A
Del (numeric)	x				Esc
<	x	x			MN
>	x	x			CD
=	x	x			EF
: (colon)	x				ST
; (semicolon)	x	x			ST
?	x				QR
`	x				OP
{					N/A
}					N/A

To get this key	First press this key				Then press this key
	Fn	Db Stk	Ctrl	Alt	
- (minus sign)	x	x			GH
_ (underscore)	x	x			QR
, (comma)	x	x			YZ
+	x	x			IJ
[N/A
]					N/A
' (apostrophe)	x				CD
~ (tilde)	x				MN
/	x				EF
\	x				GH
	x	x			OP
"	x	x			WX
!	x				IJ
@	x				AB
#	x	x			AB
\$	x				KL
%	x	x			KL
^	x				UV
&	x	x			UV
* (asterisk)	x				WX
(N/A
)					N/A

48-Key Keypad

48-Key Keypad Keypress Sequences for Batch Units

To get this key	First press this key				Then press this key
	F ⁿ	Shift	Ctrl	Alt	
Contrast Up					Contrast Up
Contrast Down					Contrast Down
Volume					MX2 Config Program
F ⁿ					F ⁿ
Shift					Shift
Alt					Alt
Ctrl					Ctrl
Scan					Scan
Enter					Enter
Escape					Esc
International					N/A ³
Back Space					BkSp
Tab				x	Enter ⁴
BackTab					
Space					Space
Break	x				Esc
Pause					N/A
Up Arrow	x				A
Down Arrow	x				B
Right Arrow	x				E
Left Arrow	x				F
Pan Up	x				S then Up Arrow (F ⁿ A) ⁵
Pan Down	x				S then Down Arrow (F ⁿ B) ⁵
Pan Right	x				S then Right Arrow (F ⁿ F) ⁵
Pan Left	x				S then Left Arrow (F ⁿ E) ⁵
Pan Home	x				S then Ctrl Alt H
Insert	x				Space
Delete	x				BkSp
Home					
End					
Page Up					N/A

³ International keys are not available on the 48-key keypad.

⁴ Tab is only available when using the Configuration Utility. It is not available at a DOS prompt.

⁵ Once PAN LK is enabled with the Fⁿ S keypress, additional panning keys may be used without repeating Fⁿ S. PAN LK remains enabled until an S keypress or any non-panning keypress.

To get this key	First press this key				Then press this key
	Fn	Shift	Ctrl	Alt	
Page Down					N/A
NumLock (Toggle)					N/A
CapsLock (Toggle)					N/A ⁶
Right Shift					Shift ⁷
Left Shift					Shift ⁷
Right Alt					N/A
Left Alt					Alt
Right Ctrl					N/A
Left Ctrl					Ctrl
ScrollLock					N/A
F1	x				1
F2	x				2
F3	x				3
F4	x				4
F5	x				5
F6	x				6
F7	x				7
F8	x				8
F9	x				9
F10	x				0
F11					N/A
F12					N/A
a		x			A
b		x			B
c		x			C
d		x			D
e		x			E
f		x			F
g		x			G
h		x			H
i		x			I
j		x			J
k		x			K
l		x			L
m		x			M
n		x			N
o		x			O

⁶ Equivalent CapsLock function is provided via the Fn Shift keypress.

⁷ The Shift key provides the functionality of both the right and left shift key.

To get this key	First press this key				Then press this key
	Fn	Shift	Ctrl	Alt	
p		x			P
q		x			Q
r		x			R
s		x			S
t		x			T
u		x			U
v		x			V
w		x			W
x		x			X
y		x			Y
z		x			Z
A					A
B					B
C					C
D					D
E					E
F					F
G					G
H					H
I					I
J					J
K					K
L					L
M					M
N					N
O					O
P					P
Q					Q
R					R
S					S
T					T
U					U
V					V
W					W
X					X
Y					Y
Z					Z
1 (alpha)					1
2 (alpha)					2
3 (alpha)					3

To get this key	First press this key				Then press this key
	Fn	Shift	Ctrl	Alt	
4 (alpha)					4
5 (alpha)					5
6 (alpha)					6
7 (alpha)					7
8 (alpha)					8
9 (alpha)					9
0 (alpha)					0
DOT (alpha)	x				W
1 (numeric)					N/A
2 (numeric)					N/A
3 (numeric)					N/A
4 (numeric)					N/A
5 (numeric)					N/A
6 (numeric)					N/A
7 (numeric)					N/A
8 (numeric)					N/A
9 (numeric)					N/A
0 (numeric)					N/A
DOT (numeric)					N/A
- (numeric)					N/A
+ (numeric)					N/A
/ (numeric)					N/A
* (numeric)					N/A
Home (numeric)					N/A
End (numeric)					N/A
PgDn (numeric)					N/A
PgUp (numeric)					N/A
Lt Arrow (numeric)					N/A
Rt Arrow (numeric)					N/A
Up Arrow (numeric)					N/A
Dn Arrow (numeric)					N/A
Insert (numeric)					N/A
Del (numeric)					N/A
<	x				T
>	x				V
=	x				G
: (colon)	x				N
; (semicolon)	x				O
?	x				X
`	x				M

To get this key	First press this key				Then press this key
	Fn	Shift	Ctrl	Alt	
{					N/A
}					N/A
- (minus sign)	x				K
_ (underscore)	x				L
, (comma)	x				U
+	x				H
[x				I
]	x				J
' (apostrophe)	x				Q
~ (tilde)	x				Z
/	x				Y
\	x				C
	x				D
"	x				R
!		x			1
@		x			2
#		x			3
\$		x			4
%		x			5
^		x			6
&		x			7
* (asterisk)		x			8
(x			9
)		x			0

IBM TN5250 Terminal Emulator keypad

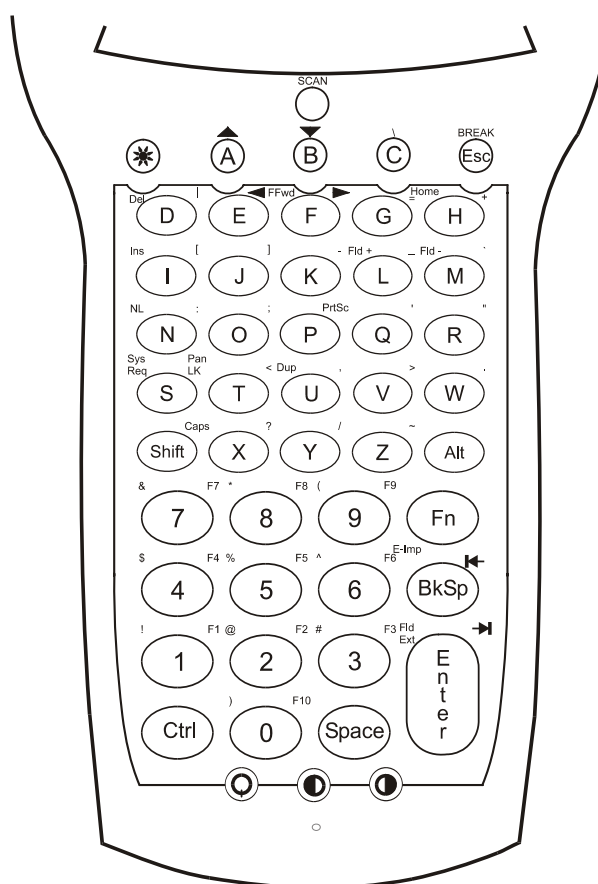


Figure 29 IBM 5250 Specific Keypad

This keypad is designed to allow the user to enter terminal emulator commands when running LXE's IBM TN5250 Terminal Emulation (TE) programs.

When running this program on the MX2, please refer to the following terminal emulation reference guide on the LXE Manuals CD for equivalent keys and keypress sequences:

- [TN5250 Terminal Reference Guide](#)



Appendix B Regulatory Notices and Safety Information

FCC Information:

This device complies with FCC Rules, part 15. Operation is subject to the following conditions:

1. This device may not cause harmful interference
and
2. This device must accept any interference that may be received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Warning: Changes or modifications to this device not expressly approved by LXE, Inc., could void the user's authority to operate this equipment.

EMC Directive Requirements:


This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

Industry Canada:

This Class A digital apparatus meets all requirements of the Canadian Interference Causing Equipment Regulations. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Cet appareil numérique de la classe A respecte toutes les exigences du Règlement sur le matériel brouiller du Canada. Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de la Classe A prescrites dans le Règlement sur le brouillage radioélectrique édictés par le ministère des Communications du Canada.

RF Safety Notice

<p>Caution</p> 	<p><i>This device is intended to transmit RF energy. In accordance with FCC and Industry Canada radio-frequency safety regulations, this device is certified for hand-held operation only. A minimum separation distance of at least 20cm (7.8 in.) from the user's body and nearby persons should be maintained during transmission. Use of this device not consistent with these instructions can increase the risk of RF exposure. This device is not to be co-located with other transmitters.</i></p>
---	--



Important: This symbol is placed on the product to remind users to dispose of Waste Electrical and Electronic Equipment (WEEE) appropriately, per Directive 2002-96-EC. In most areas, this product can be recycled, reclaimed and re-used when properly discarded. Do not discard labeled units with trash. For information about proper disposal, contact LXE through your local sales representative, or visit www.lxe.com.

R&TTE Directive Requirements (Applies only to equipment operated within the EU/EFTA)**Information to User**

A label on the exterior of the device should resemble one of the labels shown below (the label contains the LXE part number of the installed radio card). The labels shown below and affixed to the device, identify where the device may be used and where its use is restricted. Use of a device is prohibited in countries not listed below or otherwise identified by the label. (May or may not include the 0560 Notified Body No.)



Permitted for use in: Austria, Belgium, Denmark, Finland, Germany, Greece, Hungary, Iceland, Italy, Ireland, Liechtenstein, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom



Permitted for use in France.

Approvals

Product	EMI / EMC Standards	Safety Standards
MX2	FCC Part 15 Subpart B EN 55022 Class A EN55024	EN 60825-1 EN60950 CDRH Class 2

Transceiver	RF Standards	Notes
480824-3300 (LXE Part No.) LXE 6400 System 2.4GHz Type II PCMCIA Card (Obsolete)	FCC Part 15, Subpart C ETS 300 328 IC-RSS 210	Unlicensed Operation Unlicensed Operation Requires License for Outdoor Use
480628-4096 (LXE Part No.) LXE 6500 System 2.4GHz Type II PCMCIA Card (Obsolete)	FCC Part 15, Subpart C ETS 300 328 IC-RSS 139 IC-RSS 102 ETS 300 826	Unlicensed Operation Unlicensed Operation Requires License for Outdoor Use
6526 (LXE Model No.) 6726 (LXE Model No.) LXE 6500 / 6700 System 2.4GHz Type II PCMCIA Card (Obsolete)	FCC Part 15, Subpart C FCC Part 2 EN 300 328 EN 300 826 IC-RSS 139 IC-RSS 102	Unlicensed Operation Unlicensed Operation Requires License for Outdoor Use
6816 (LXE Model No.) LXE 2.4GHz Type II PCMCIA Card	FCC Part 15, Subpart C FCC Part 2 EN 300 328 EN 300 826 IC-RSS 139 IC-RSS 102	Unlicensed Operation Unlicensed Operation Requires License for Outdoor Use

LXE Transceiver 480628-4096 Declaration of Conformity



DECLARATION OF CONFORMITY according to Directives:

1999/5/EC **Radio Equipment and Telecommunications Terminal Equipment and the mutual recognition of their conformity**

93/68/EEC **CE Marking Directive**

Type of Equipment: Direct Sequence 2.4 GHz Wireless LAN Card
 Brand Name or Trademark: LXE
 Type Designation: 480628-4096
 Manufacturer: LXE Inc.
 Address: 125 Technology Parkway
 Norcross, GA 30092-2993 USA
 Year of Manufacturer: 2000

The following harmonized European Standards, technical specifications, or other normative documents have been applied:

EMI / EMC Standards:

EN 55022 : 1995 Limits and methods of measurement of radio disturbance characteristics of information technology equipment
 ETS 300 826 : 1997 Electromagnetic compatibility - Generic immunity standard, Part 1: Residential, commercial and light industrial
 EN 61000-4-2 : 1995 Electrostatic discharge immunity test
 EN 61000-4-3 : 1997 Radiated radio frequency electromagnetic field immunity test
 EN 61000-4-6 : 1996 RF conducted immunity test

Radio Frequency Standards:

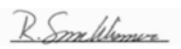
ETS 300 328 : 1996 Radio Equipment and Systems (RES);
 Wideband transmission systems;
 Technical characteristics and test conditions for data transmission equipment operating in the 2,4 GHz ISM band and using spread spectrum modulation techniques

Safety Standards:

IEC 950-2: 1991 Safety of information technology equipment, including electrical business equipment
 + Amendments
 A1..A4

We, LXE Inc., declare that the equipment specified above complies with all Essential Health and Safety Requirements of the above Directives and Standards, as amended.

Place: LXE Inc., Norcross GA USA
 Date of issue: 1 March, 2000

Signed: 
 R. Sam Wismer,
 Lead Approvals Engineer

LXE Inc. 125 Technology Parkway Norcross, GA 30092-2993 USA
 ph. 770/447-4224 fax 770/447-6928

LXE Transceiver 480824-3300 Declaration of Conformity



DECLARATION OF CONFORMITY according to Directives:

1999/5/EC **Radio Equipment and Telecommunications Terminal Equipment and the mutual recognition of their conformity**

93/68/EEC **CE Marking Directive**

Type of Equipment: Frequency Hopping 2.4 GHz Wireless LAN Card
 Brand Name or Trademark: LXE
 Type Designation: 480824-3300
 Manufacturer: LXE Inc.
 Address: 125 Technology Parkway
 Norcross, GA 30092-2993 USA
 Year of Manufacturer: 2000

The following harmonized European Standards, technical specifications, or other normative documents have been applied:

EMI / EMC Standards:

EN 55022 : 1995 Limits and methods of measurement of radio disturbance characteristics of information technology equipment
 ETS 300 826 : 1997 Electromagnetic compatibility - Generic immunity standard, Part 1: Residential, commercial and light industrial
 EN 61000-4-2 : 1995 Electrostatic discharge immunity test
 EN 61000-4-3 : 1997 Radiated radio frequency electromagnetic field immunity test
 EN 61000-4-6 : 1996 RF conducted immunity test

Radio Frequency Standards:

ETS 300 328 : 1996 Radio Equipment and Systems (RES);
 Wideband transmission systems;
 Technical characteristics and test conditions for data transmission equipment operating in the 2,4 GHz ISM band and using spread spectrum modulation techniques

Safety Standards:

IEC 950-2: 1991 Safety of information technology equipment, including electrical business equipment
 + Amendments
 A1..A4

We, LXE Inc., declare that the equipment specified above complies with all Essential Health and Safety Requirements of the above Directives and Standards, as amended.

Place: LXE Inc., Norcross GA USA


Signed: 

R. Sam Wismer,
Lead Approvals Engineer

LXE Inc. 125 Technology Parkway Norcross, GA 30092-2993 USA
 ph. 770/447-4224 fax 770/447-6928

LXE Transceiver LXE 6726 Declaration of Conformity



DECLARATION OF CONFORMITY	
according to Directives:	
1999/5/EC	Radio Equipment and Telecommunications Terminal Equipment and the mutual recognition of their conformity
93/68/EEC	CE Marking Directive
Type of Equipment:	Direct Sequence 2.4 GHz Wireless LAN Card
Brand Name or Trademark:	LXE
Type Designation:	LXE 6726
Manufacturer:	LXE Inc.
Address:	125 Technology Parkway Norcross, GA 30092-2993 USA
Year of Manufacturer:	2001
<p>The following harmonized European Standards, technical specifications, or other normative documents have been applied:</p> <p>EMC:</p> <p>EN 301 489-1: 07-2000 Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements</p> <p>EN 301 489-17 07-2000 Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Wideband data and HIPERLAN equipment</p> <p>Radio:</p> <p>EN 300 328-1 and -2: 2000-7 Radio Equipment and Systems (RES); Wideband transmission systems; Technical characteristics and test conditions for data transmission equipment operating in the 2,4 GHz ISM band and using spread spectrum modulation techniques</p> <p>Safety:</p> <p>EN 60950-2: 1992 + A1..A4 Safety of information technology equipment, including electrical business equipment</p>	
<p>We, LXE Inc., declare that the equipment specified above complies with all Essential Health and Safety Requirements of the above Directives and Standards, as amended.</p>	
Place	LXE Inc., Norcross GA USA
Date of issue	24 June 2004
 C. Binnom Jr. RF Approvals Engineer	

LXE Inc. 125 Technology Parkway Norcross, GA 30092-2993 USA
ph. 770/447-4224 fax 770/447-6928

Annex to DoC for LXE 6726

With regard to the use of external antennas

The LXE 6726 can be equipped with external antennas. The antennas listed have been evaluated with the LXE 6726 pursuant to ETSI EN 300 328, and therefore meet the definition of 'dedicated antenna' per ERC/REC 70-03 Appendix 1 Table 3; thus the requirement set forth in ERC/REC 70-03 , Annex 3 are met by the LXE model 6726 transceiver.

Dedicated Antennas for use with LXE 6726

<u>LXE P/N</u>	<u>Antenna Gain</u>	<u>Radio Power Level</u>	<u>Antenna Description</u>
153180-0001	0 dBi	17 dBm	Omni, for LXE VX-series computers
155522-0001	0 dBi	17 dBm	Omni, for LXE MX1-series computers
155814-0001	0 dBi	17 dBm	Patch, for LXE MX1-series computers
157368-0001	0 dBi	17 dBm	Patch, for LXE MX3-series computers
157399-0001	0 dBi	17 dBm	Omni, for LXE MX5-series computers
99004-0027	0 dBi	17 dBm	3 dB Omni, for LXE model 2325 computer
DAC2450CT1 (Toko P/N)	2.15 dBi	17 dBm	Omni, for LXE MX2-series computers
153179-0001	0 dBi	17 dBm	Omni, Access Point Antenna
153325-0001	0 dBi	17 dBm	Omni, Access Point Antenna
480424-0400	0 dBi	17 dBm	Omni, Access Point Antenna
153599-0001	3 dBi	17 dBm	Omni, Access Point Antenna
153600-0001	3 dBi	17 dBm	Omni, Access Point Antenna
480424-3404	3 dBi	17 dBm	Omni, Access Point Antenna
155846-0001	3 dBi	17 dBm	Spire® Access Point Antenna
155845-0001	6 dBi	13 dBm	Spire® Access Point Antenna
155311-0001	6 dBi	13 dBm	Patch, Access Point Antenna
480424-3411	6 dBi	13 dBm	Patch, Access Point Antenna
480424-3402	6 dBi	13 dBm	Patch, Access Point Antenna
481246-2400	6 dBi	13 dBm	Patch, Access Point Antenna
480424-1702	6 dBi	13 dBm	180° Directional, Access Point Antenna
480424-0411	9 dBi	7 dBm	Omni, Access Point Antenna
480429-2703	12 dBi	7 dBm	90° Directional, Access Point Antenna
480429-0411	12 dBi	7 dBm	Omni, Access Point Antenna
460601-3020	15 dBi	3 dBm	YAGI, Access Point Antenna
460602-3020	15 dBi	3 dBm	YAGI, Access Point Antenna
480429-0415	15 dBi	3 dBm	Omni, Access Point Antenna



C. Binnom Jr.
RF Approvals Engineer
24 June 2004

LXE Inc. 125 Technology Parkway Norcross, GA 30092-2993 USA
ph. 770/447-4224 fax 770/447-6928

LXE Transceiver LXE 6816 Declaration of Conformity**DECLARATION OF CONFORMITY**

according to:

the R&TTE Directive; 99/5/EEC
 The EMC Directive; 89/336/EEC
 The Low Voltage Directive; 73/23/EEC
 and the Marking Directive; 93/68/EEC

Type of Equipment: DSSS 2.4GHz WLAN Radio Card
 Brand Name or Trademark: LXE
 Type Designation: 6816
 Manufacturer: LXE Inc.
 Address: 125 Technology Parkway
 Norcross, GA 30092 USA

The following harmonized European Norms have been applied:

EMC Standards:

EN 301 489-1: 07-2000 Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements

EN 301 489-17:07-2000 Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Wideband data and HIPERLAN equipment

EN 55022: 1998 Limits and methods of measurement of radio disturbance characteristics of information technology equipment

Radio Standards:

EN 300 328-1 and -2: 2000-7 Radio Equipment and Systems (RES); Wideband transmission systems; Technical characteristics and test conditions for data transmission equipment operating in the 2.4 GHz ISM band and using spread spectrum modulation techniques

Safety Standard:

EN60950-1: 2001 Safety of information technology equipment, including electrical business equipment

The product carries the CE Mark:



We, LXE Inc., declare that the equipment specified above complies with all Essential Health and Safety Requirements of the above Directives and Standards, as amended.

Date of issue: June 18, 2003

Cyril A. Binnom Jr.
 Regulatory Engineer

LXE Inc. 125 Technology Parkway Norcross, GA 30092-2993 USA

ph. 770/447-4224 fax 770/447-6928

Annex to DoC for LXE 6816

With regard to the use of external antennas

The LXE 6816 can be equipped with external antennas. The antennas listed have been assessed with the LXE 6816 pursuant to EN 300 328, and therefore meet the definition of 'dedicated antenna'. The table below lists the maximum output power setting for the radio module in order to result in a total EIRP of 100mW or less. Any combination of output power and a specific type of antenna resulting in an EIRP greater than 100mW is illegal for use throughout the Community and is outside the scope of this DoC. Antennas not listed below are also outside the scope of this DoC.

Dedicated Antennas for use with LXE 6816

LXE Antenna Part Number	LXE Model Number	Antenna Gain	Max Radio Power Level	Antenna Description
153180-0001	N/A	2.2 dBi	17 dBm	Cushcraft Omni Antenna
155846-0001	6000A279ANT3SPIREL 6000A280ANT3SPIRER 6000A283ANT3INDSPR	3 dBi	17 dBm	Spire® Omni Antenna
155845-0001	6000A277ANT6SPIREL 6000A278ANT6SPIRER 6000A282ANT3INDSPR	6 dBi	13 dBm	Spire® Omni Antenna
480424-0411	N/A	9 dBi	11 dbm	Mobile Mark Omni Antenna
155104-0001	N/A	0 dbi	20 dbm	LXE Omni
154591-0001	N/A	0 dbi	20 dbm	LXE Patch
Toko DAC2450CT1	N/A	0 dbi	20 dbm	LXE Omni
157368-0001	N/A	0 dbi	20 dbm	LXE Omni
158586-0001	N/A	0 dbi	20 dbm	LXE Omni
158399-0001	N/A	0 dbi	20 dbm	LXE Omni



Cyril A. Binnom Jr.
Regulatory Engineer
18 June 2003

LXE Inc. 125 Technology Parkway Norcross, GA 30092-2993 USA
ph. 770/447-4224 fax 770/447-6928



Laser Light Safety Statement



Warning:

This product uses laser light. One of the following labels is provided on the scanner. Please read the Caution statement. (US)

Mise en garde:

Ce produit utilise un rayon laser. L'une des étiquettes suivantes est apposée sur le scanner. Veuillez lire l'avertissement qu'elle contient. (FR)

Advertência:

Este produto usa luz de laser. O scanner contém um dos seguintes avisos. Favor ler o Aviso. (PT)

Varning:

Denna produkt använder laserljus. En av de nedanstående etiketterna sitter på scannern. Var god läs varningstexten. (SE)

Advarsel:

Dette produkt anvender laserlys. En af følgende mærkater anvendes på scanneren. Læs venligst sikkerhedsforanstaltningen. (DK)

Varoitus:

Tämä tuote käyttää laservaloa. Skannerissa on jokin seuraavista tarroista. Lue Huomio-kohta. (FI)

Warnung:

Dieses Produkt verwendet Laserlicht. Eines der folgenden Etiketten befindet sich auf dem Scanner. Bitte lesen Sie den Gefahrenhinweis. (DE)

Attenzione:

Questo prodotto utilizza luce laser. Una delle etichette seguenti c'è ubicata sullo scanner. Si raccomanda di leggere con attenzione le avvertenze riportate. (IT)

Advarsel:

Dette utstyret bruker laserlys. En av følgende etiketter er plassert på scanneren. Les advarselen på etiketten. (NO)

Advertencia:

Este producto usa luz de láser. Las etiquetas se proveen en la máquina exploradora. Por favor, lea detenidamente la explicación para las precauciones. (ES)

Waarschuwing:

Dit product gebruikt laserlicht. Een van de volgende labels is op de scanner aangebracht. Lees a.u.b. de waarschuwing onder Oppassen. (NL)

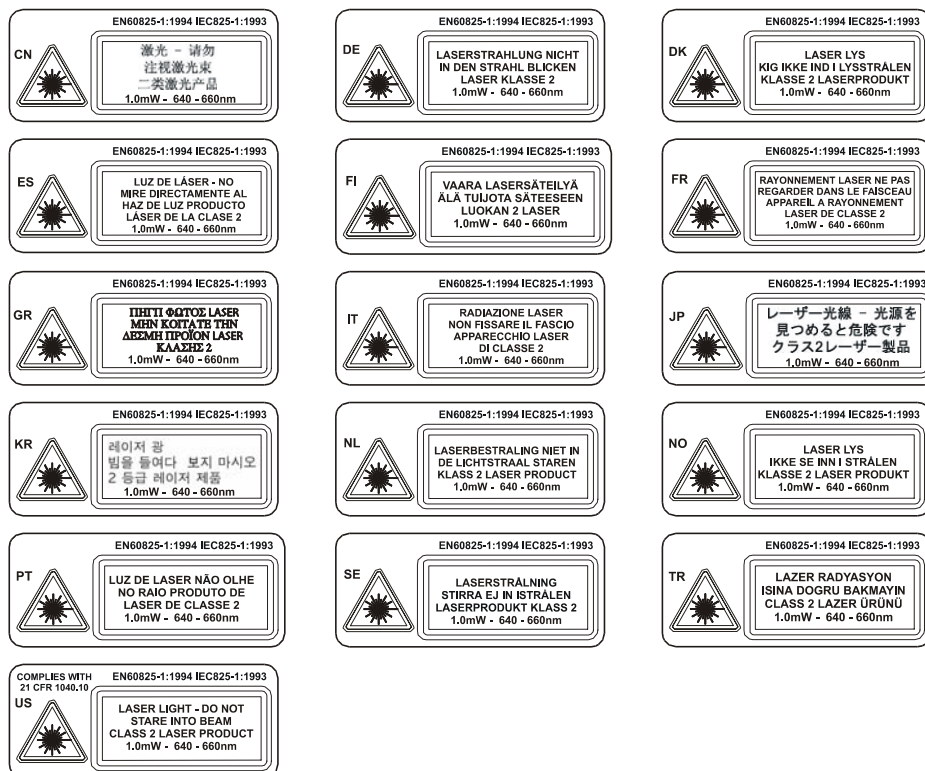


Laser Light Safety Statement



<p>Uyarı: Bu ürün lazer ýýýdý kullanýr. Araýýdaki etiketlerden bir tanesi tarayýcýnýn üstünde saýlanýr. Lütfen Dikkat ifadesini okuyun. (TR)</p>	<p>Προειδοποίηση: Αυτό το προϊόν χρησιμοποιεί λέιζερ φως. Υπάρχει μία από τις ακόλουθες ετικέτες στο σαρωτή. Παρακαλούμε διαβάστε τη δήλωση με τίτλο Προσοχή. (GR)</p>
<p>경고: 본 제품은 레이저 광선을 사용합니다. 다음 라벨 중 하나가 스캐너에 제공됩니다. 주의 사항을 읽어 주십시오. (KR)</p>	<p>警告: この製品はレーザー光線を使用します。 次のラベルのうち1つがスキャナーに貼られています。 注意事項をお読みください。 (JP)</p>
<p>警告: 本产品使用激光。 下列一个标签将随扫描仪一道提供。 请阅读“当心”一栏的内容。 (CN)</p>	<p>Legend: Chinese-CN; Danish-DK; Dutch-NL; English-US; Finnish-FI; French-FR; German-DE; Greek-GR; Italian-IT; Japanese-JP; Korean-KR; Norwegian-NO; Portuguese-PT; Spanish-ES; Swedish-SE; Turkish-TR</p>

Class 2 Laser Labels



Class 3A Laser Labels

ENGLISH	 <p>EN 60825-1:1994 IEC 825-1:1993</p> <p>LASER RADIATION DO NOT STARE INTO BEAM OR VIEW DIRECTLY WITH OPTICAL INSTRUMENTS. CLASS 3A LASER PRODUCT 2.5mW MAX OUTPUT 650nm</p>	 <p>EN 60825-1:1994 IEC 825-1:1993</p> <p>RAYONS LASER NE PAS FIXER LE FAISCEAU OU BIEN LE REGARDER DIRECTEMENT A L'AIDE D'INSTRUMENTS OPTIQUES. PRODUIT LASER DE CATEGORIE 3A SORTIE MAXIMUM DE 2.5m 650nm</p>	FRENCH
DANISH	 <p>EN 60825-1:1994 IEC 825-1:1993</p> <p>LASERSTRÅLING KIG IKKE IND I STRÅLEN MED MINDRE DET ER GENNEM DE OPTISKE INSTRUMENTER. KLASSE 3A LASERPRODUKT 2.5mW MAKS. OUTPUT 650nm</p>	 <p>EN 60825-1:1994 IEC 825-1:1993</p> <p>LASERSTRÅLING BITTE NICHT UNGESCHÜTZT ODER DIREKT DURCH OPTISCHE INSTRUMENTE BLICKEN. LASERPRODUKT DER KLASSE 3A MAX. LEISTUNG: 2,5 mW 650nm</p>	GERMAN
GREEK	 <p>EN 60825-1:1994 IEC 825-1:1993</p> <p>AKTINOBOLIA ΛΕΙΖΕΡ ΜΗΝ ΚΟΙΤΑΖΕΤΕ ΗΛΕΚΤΡΟΝ ΚΑΤΑΜΑΤΑ Η ΚΟΙΤΑΖΕΤΕ ΚΑΤ' ΕΥΘΕΙΑΝ ΜΕ ΟΠΤΙΚΑ ΟΡΓΑΝΑ. ΠΡΟΙΟΝ ΛΕΙΖΕΡ ΤΑΞΗΣ 3Α 2.5mW ΜΕΓΙΣΤΗ ΙΣΧΥΣ</p>	 <p>EN 60825-1:1994 IEC 825-1:1993</p> <p>RADIAZIONE LASER NON FISSARE NEL FASCIO E NON GUARDARE DIRETTAMENTE CON STRUMENTI OTTICI. PRODOTTO LASER DI CATEGORIA 3A USCITA MASSIMA 2,5mW 650nm</p>	ITALIAN
NORWEGIAN	 <p>EN 60825-1:1994 IEC 825-1:1993</p> <p>LASERSTRÅLING IKKE RETT BLIKKET DIREKTE MOT STRÅLEN ELLER SE DIREKTE PÅ DEN GJENNOM OPTISKE INSTRUMENTER. LASERPRODUKT AV KLASSE 3A 2.5 mW MAKS. OUTPUT 650nm</p>	 <p>EN 60825-1:1994 IEC 825-1:1993</p> <p>RADIACIÓN LASER NO FUE LA VISTA EN EL HAZ O VEA DIRECTAMENTE CON INSTRUMENTOS ÓPTICOS. PRODUCTO LASER CLASE 3A POTENCIA DE SALIDA MAX. 2,5mW 650nm</p>	SPANISH
TURKISH	 <p>EN 60825-1:1994 IEC 825-1:1993</p> <p>LAZER RADYASYONU İSİNİ SÜREKLİ BAKMAYIN YA DA OPTİK ENSTRÜMANLARLA DOĞRUDAN İZLEMeyİN. SINIF 3A LAZER ÜRÜNÜ 2.5mW MAKS ÇIKIŞ 650nm</p>	 <p>EN 60825-1:1994 IEC 825-1:1993</p> <p>LASERSTRÅLING STAAR NIET IN LICHTSTRAAL EN KIJK NIET RECHTSSTREEKS MET OPTISCHE INSTRUMENTEN. KLASSE 3A LASERPRODUKT MAX. AFGIFTE 2,5 mW 650nm</p>	DUTCH
SIMPLIFIED CHINESE	 <p>EN 60825-1:1994 IEC 825-1:1993</p> <p>激光辐射 切勿直视光束或用光学设备 直接观察光束！ 3A 类激光产品 最大输出 2.5mW 650nm</p>	 <p>EN 60825-1:1994 IEC 825-1:1993</p> <p>RADIAÇÃO LASER NÃO OLHE FRAGMENTE AO RAIO DE LUZ OU OLHE DIRETAMENTE COM INSTRUMENTOS ÓPTICOS PRODUTO LASER CLASSE 3A POTÊNCIA MÁXIMA 2,5mW 650nm</p>	PORTUGUESE
JAPANESE	 <p>EN 60825-1:1994 IEC 825-1:1993</p> <p>レーザー放射 光線を凝視したり、 光学機器を使って 直視しないでください。 クラス 3A レーザー製品 2.5mW 最大出力 650nm</p>	 <p>EN 60825-1:1994 IEC 825-1:1993</p> <p>LASERSTRÅLING TITTA INTE IN I STRÅLEN OCH BETRakta INTE DIREKT MED OPTISKA INSTRUMENT. KLASSE 3A LASERPRODUKT 2,5 mW MAX UTEFFEKT 650nm</p>	SWEDISH
KOREAN	 <p>EN 60825-1:1994 IEC 825-1:1993</p> <p>레이저 광선 레이저 광선을 직시하거나 광학기구로 직시 금지 금지 사항 3A 등급 레이저 제품 2.5mW 최대 출력 650nm</p>	 <p>EN 60825-1:1994 IEC 825-1:1993</p> <p>LASERSÄTEILYÄ ÄLÄ TUUJOTA SÄTEESEEN ALAKA TARKASTELE SITTÄ SUORAAN OPTISILLA LAITTEILLA. 3A-LASERLUOKAN LASERTUOTE 2.5mW ENIMMÄISSÄTEILY 650nm</p>	FINNISH



Lithium Battery Safety Statement



Caution:

Lithium battery inside. Danger of explosion if battery is incorrectly replaced. Replace only with same or equivalent type recommended by battery manufacturer. (US)

Attention:

Contient une pile de lithium. Risque d'explosion dans le cas où la pile ne serait pas correctement remplacée. Remplacer uniquement avec une pile semblable ou équivalente au type de pile recommandé par le fabricant. (FR)

Forsigtig:

Indeholder lithiumbatterier. Risiko for eksplosion, hvis batteriet udskiftes forkert. Må kun udskiftes med samme eller tilsvarende type, som anbefalet af fabrikanten. (DK)

Varoitus:

Tämä tuote käyttää laservaloa. Skannerissa on jokin seuraavista tarroista. Lue Huomio-kohta. (FI)

Vorsicht:

Enthält Lithium-Batterie. Bei unsachgemäßem Ersatz besteht Explosionsgefahr. Nur durch gleichen oder vom Hersteller empfohlenen Typ ersetzen. (DE)

Attenzione:

Batteria al litio. Pericolo di esplosione qualora la batteria venga sostituita in maniera scorretta. Sostituire solo con lo stesso tipo o equivalente consigliato per il fabbricante. (IT)

Atenção:

Contém pilha de lítio. Há perigo de explosão no caso de uma substituição incorreta. Substitua somente pelo mesmo tipo, ou equivalente, recomendado pelo fabricante. (PT)

Varning:

Innehåller litiumbatteri. Fara för explosion om batteriet är felaktigt placerat eller av fel typ. Använd endast samma eller motsvarande typ batterier rekommenderade av tillverkaren. (SE)

Advarsel:

Innmontert Lithium batteri. Eksplosjonsfare ved feil montering av batteri. Benytt kun batteri anbefalt av produsent. (NO)

Cuidado:

Pila de litio adentro. Peligro de explosión si la pila se reemplaza incorrectamente. Reemplace solamente con el mismo tipo o equivalente recomendado por el fabricante. (ES)

Oppassen:

Bevat Lithium-batterij. Incorrecte plaatsing van batterij kan leiden tot explosiegevaar. Alleen vervangen door hetzelfde of door fabrikant aanbevolen gelijkwaardig type. (NL)



Lithium Battery Safety Statement



<p>Προσοχή:</p> <p>Υπάρχει μπαταρία από λίθιο εσωτερικά. Υπάρχει κίνδυνος έκρηξης εάν η μπαταρία αντικατασταθεί με λανθασμένο τρόπο. Αντικαταστήστε μόνο με τον ίδιο ή ισοδύναμο τύπο που συνιστάται από τον κατασκευαστή. (GR)</p>	<p>주의:</p> <p>리튬 배터리 내부. 배터리가 잘못 설치되었을 경우 폭발의 위험이 있습니다. 동일한 배터리, 또는 배터리 제조업체가 권장하는 배터리로 교체하십시오. (KR)</p>
<p>注意:</p> <p>リチウム電池が入っています。間違った種類の電池を使用すると、破裂する恐れがあります。同じ電池、または電池製造元が推奨する同等の電池を使用してください。 (JP)</p>	<p>小心:</p> <p>内装锂电池。如电池更换不当，则有发生爆炸的危险。只能用电池制造商推荐的相同或同等电池进行更换。 (CN)</p>
<p>Dikkat:</p> <p>İçinde lityum bataryası bulunur. Bataryanın yanlış değiştirilmesi patlama tehlikesi yaratır. Aynısıyla veya üreticinin önerdiği eşdeğer tipte değiştirin. (TR)</p>	

Legend:

Chinese	CN	Italian	IT
Danish	DK	Japanese	JP
Dutch	NL	Korean	KR
English	US	Norwegian	NO
Finnish	FI	Portuguese	PT
French	FR	Spanish	ES
German	DE	Swedish	SE
Greek	GR	Turkish	TR

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